

Title (en)
ABSORBENT ARTICLE PRODUCTION METHOD, ABSORBENT ARTICLE PRODUCTION DEVICE, AND ABSORBENT ARTICLE

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES SAUGFÄHIGEN ARTIKELS, VORRICHTUNG ZUR HERSTELLUNG EINES SAUGFÄHIGEN ARTIKELS UND SAUGFÄHIGER ARTIKEL

Title (fr)
PROCÉDÉ DE PRODUCTION D'ARTICLE ABSORBANT, DISPOSITIF DE PRODUCTION D'ARTICLE ABSORBANT ET ARTICLE ABSORBANT

Publication
EP 3649997 B1 20211103 (EN)

Application
EP 18876441 A 20180907

Priority

- JP 2017214643 A 20171107
- JP 2017214647 A 20171107
- JP 2018033230 W 20180907

Abstract (en)
[origin: EP3649997A1] A method for manufacturing an absorbent article (1) including a first member (30), a second member (40), and a weld portion (SS) where the first member (30) and the second member (40) are welded to each other, the first member (30) including two sheet members (31, 32) having at least one nonwoven fabric, and an elastic member (35) stretchably contractible in a left-right direction, the second member (40) having a nonwoven fabric, the method comprising: an elastic member placing process (S302) of placing the elastic member (35) in a stretched state between the two sheet members (31, 32) in a thickness direction intersecting the left-right direction of the first member (30), the stretched state being a state in which the elastic member (35) is stretched in the left-right direction; an overlapping process (S506) of causing the second member (40) to overlap with the first member (30) in the thickness direction; a releasing process (S507) of releasing the stretched state to bring about a released state; and a welding process (S509) of welding one end portion in the left-right direction of the first member (30) and one end portion in the left-right direction of the second member (40) to each other, to form the weld portion (SS), the welding process (S509) being performed in the released state after the releasing process (S507).

IPC 8 full level
A61F 13/15 (2006.01); **A61F 13/49** (2006.01); **A61F 13/496** (2006.01); **A61F 13/51** (2006.01)

CPC (source: EP US)
A61F 13/15203 (2013.01 - US); **A61F 13/15593** (2013.01 - EP); **A61F 13/15601** (2013.01 - US); **A61F 13/15739** (2013.01 - EP US); **A61F 13/15747** (2013.01 - US); **A61F 13/15764** (2013.01 - US); **A61F 13/15772** (2013.01 - US); **A61F 13/49019** (2013.01 - US); **A61F 13/4902** (2013.01 - US); **A61F 13/4963** (2013.01 - EP); **B29C 65/08** (2013.01 - US); **B29C 65/74** (2013.01 - US); **B29C 66/344** (2013.01 - US); **B29C 66/43** (2013.01 - US); **B29C 66/7294** (2013.01 - US); **A61F 2013/15406** (2013.01 - US); **B29K 2995/0046** (2013.01 - US); **B29L 2031/4878** (2013.01 - US)

Cited by
EP3730110A4

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3649997 A1 20200513; **EP 3649997 A4 20200722**; **EP 3649997 B1 20211103**; CN 111182866 A 20200519; CN 111182866 B 20220607; TW 201922192 A 20190616; TW I761592 B 20220421; US 11744745 B2 20230905; US 2020197230 A1 20200625; WO 2019092967 A1 20190516

DOCDB simple family (application)
EP 18876441 A 20180907; CN 201880064734 A 20180907; JP 2018033230 W 20180907; TW 107132363 A 20180914; US 202016807847 A 20200303